



Ohio Department of Natural Resources

MIKE DeWINE, GOVERNOR

MARY MERTZ, DIRECTOR

Eric Vendel, Chief

Division of Oil and Gas Resources Management
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Phone: (614) 265-6922; Fax: (614) 265-6910

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ORDER BY THE CHIEF

December 12, 2023

ORDER NO. 2023-253

**TO: Ascent Resources – Utica, LLC
3501 N.W. 63rd Street
Oklahoma City, OK 73116**

**RE: Application for Unitization
Cypress NW CDZ HR Unit
Harrison County, Ohio**

**SUBJECT: Order for Unit Operations of the Utica shale and Point Pleasant Formation
for the Cypress NW CDZ HR Unit**

Pursuant to Ohio Revised Code (“R.C.”) § 1509.28, the Chief of the Division of Oil and Gas Resources Management (“Chief” or “Division”) makes the following Findings and issues the following Order with respect to Ascent Resources – Utica, LLC’s (“Ascent”) Application for Unit Operations for the Cypress NW CDZ HR Unit:

DEFINITIONS:

As used in this order:

- 1) “Person” has the same meaning as in R.C. § 1509.01.
- 2) “Application” means the application of Ascent Resources – Utica, LLC for Unit Operation of the Cypress NW CDZ HR Unit signed on September 7, 2023, and includes all updates, amendments, and supplements to it.
- 3) “Royalty interest owner” means a person or the estate of a person, other than a working interest owner, who owns the right to or interest in any portion of the oil and/or gas, or proceeds from the sale thereof, from a tract.

- 4) “Working interest” means an interest in oil and/or gas in the unit area by virtue of a lease, operating agreement, fee title, or otherwise, including a carried interest, the owner of which is obligated to pay, either in cash or out of production or otherwise a portion of the unit expense.
- 5) “Working interest owner” means a person or the estate of a person who owns an interest in oil and/or gas in the unit area by virtue of a lease, operating agreement, fee title, or otherwise, including a carried interest, the owner of which is obligated to pay, either in cash or out of production or otherwise a portion of the unit expense. “Working interest owner” does not include an unleased mineral owner.
- 6) “Unleased mineral owner” means a royalty interest owner who owns oil and/or gas rights free of a lease or other instrument conveying all or any portion of the working interest in such rights to another. At the time of this order, the unleased mineral owners identified by Ascent include those listed on Exhibit A.
- 7) “Consenting working interest owner” means any working interest owner who enters into an agreement with Ascent pertaining to the operation of the Cypress NW CDZ HR Unit.
- 8) “Non-consenting working interest owner” means a working interest owner who does not enter into an agreement with Ascent pertaining to the operation of the Cypress NW CDZ HR Unit. At the time of this order, the non-consenting working interest owner identified by Ascent include those listed as leased on Exhibit A with a 0.000% consenting working interest percentage.
- 9) “Gas” has the same meaning as in R.C. § 1509.01.
- 10) “Oil” has the same meaning as in R.C. § 1509.01.
- 11) “Unit Area” means all of the lands, oil and gas leases and/or oil and gas interests of the tracts as shown in Exhibit A totaling 431.419 acres located in Cadiz Township, Harrison County, Ohio as shown in Exhibit B.
- 12) “Unit Participation” means the ratio of the surface acreage of a specific tract in the unit area to the total surface acreage of the unit area as that total surface acreage is specified in paragraph one of the Plan for Unit Operations of this order.
- 13) “Gross Proceeds” means a share of the gross production of oil, gas, condensate, and natural gas liquids free of any and all cost of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting, marketing, or pipeline construction and maintenance.
- 14) “Net Proceeds” means the share of gross production of oil, gas, condensate, or natural gas liquids after payment of all costs of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting, and marketing and taxes.

BACKGROUND:

- 1) Ascent filed the application pursuant to R.C. § 1509.28 to conduct unit operations.
- 2) Pursuant to R.C. § 1509.28, the Division held a hearing on October 31, 2023. The hearing was held to consider the need for the operation as a unit of an entire pool or part thereof. Ascent representatives provided testimony on the application and answered questions from Division staff.
- 3) The unit operations will occur at an approximate true vertical depth located from the top of the Utica shale to the base of the Point Pleasant Formation.

FINDINGS:

- 1) Based on the application and testimony by Ascent's representatives, the Chief finds that Ascent has established that it is the "owner," as that term is defined in R.C. § 1509.01(K), of greater than 65% of the land area overlying the pool in the Cypress NW CDZ HR Unit as required by R.C. § 1509.28(A).
- 2) Based on the application and testimony by Ascent's representatives, the Chief finds that the operation of the Cypress NW CDZ HR Unit is reasonably necessary to increase substantially the ultimate recovery of oil and gas.
- 3) Based on the application and testimony by Ascent's representatives, the Chief finds the value of the estimated additional recovery of oil or gas from the Cypress NW CDZ HR Unit exceeds the estimated additional cost incident to conducting the operation of the Cypress NW CDZ HR Unit.

ORDER:

IT IS HEREBY ORDERED:

Pursuant to R.C. § 1509.28, Ascent is authorized to conduct operations within the Cypress NW CDZ HR Unit in accordance with all of the following:

Plan for Unit Operations

- 1) The unit area is comprised of the tracts totaling 431.419 acres located in Cadiz Township, Harrison County, Ohio as shown in Exhibit B.
- 2) Ascent proposes to drill one well in the Cypress NW CDZ HR Unit for the purpose of recovering oil and gas. Ascent shall drill at least one well to total measured depth as specified in the application in the unit area within 12 months from the date of approval of

this Order as prescribed in Paragraph 10 of this order. If Ascent fails to drill at least one well to total measured depth as specified in the application in the unit area within 12 months from the date of approval of this Order as prescribed in Paragraph 10 of this order, the Chief may revoke this order. In order to achieve the stated goal of substantially increasing the ultimate recovery of oil and gas from the Utica shale and Point Pleasant Formation within the unit area, Ascent shall produce from one well no later than two years after the date of approval of this order. If Ascent fails to drill, complete, and produce at least one well in the unit area, the Chief may amend or revoke this order. Any additional wells permitted by the Chief for the Utica shale and Point Pleasant Formation in the unit area are subject to this order.

- 3) Information from Ascent for the Cypress NW CDZ HR Unit establishes that the Utica shale and Point Pleasant Formation uniformly underlies the unit area. Therefore, the allocated share of production to each tract shall be equal to that tract's unit participation.
- 4) Except as provided in Paragraph 9(d) of this order, all charges and credits made for investments in wells, tanks, pumps, machinery, materials, and equipment contributed to the Cypress NW CDZ HR Unit operations shall be allocated among the working interest owners of each tract based on the unit participation. The proportionate share of the expenses attributable to tracts of the unleased mineral owners shall be allocated to Ascent and the working interest owners.
- 5) All unit operation expenses, including capital investment, shall be charged to, and paid by, Ascent and working interest owners in amounts based on the unit participation plus their proportionate share of the expenses attributable to the tracts of unleased mineral owners. All unit operation expenses concerning wells and operating equipment shall be just and reasonable.
- 6) If necessary, Ascent and the consenting working interest owners shall carry, or otherwise finance, any non-consenting working interest owners who are unable to meet their financial obligations in connection with the unit operations. Ascent and all other consenting working interest owners' reasonable interest charge for carrying or financing the non-consenting working interest owners shall be determined by the terms of Ascent's Unit Agreement and Model Form Operating Agreement for the Cypress NW CDZ HR Unit. Once a specific cost is charged to the initial well, that same cost cannot be charged to subsequent wells in the unit area.
- 7) Ascent shall supervise and conduct all unit operations. Each working interest owner shall have a voting interest equal to its Unit Participation. Approval of unit operations shall be subject to the terms of Ascent's Unit Agreement and Model Form Operating Agreement for the Cypress NW CDZ HR Unit.

- 8) Unit operations may commence as of 7:00 a.m. on the day following the date of approval of this order as prescribed in Paragraph 10 of this order. Once the initial well is placed into production, operations within the Cypress NW CDZ HR Unit may continue as long as hydrocarbons are produced from any well in the unit area without a cessation of more than 90 days, unless otherwise approved by the Chief in writing. The Cypress NW CDZ HR Unit may be terminated if working interest owners owning at least 51% of the working interest in the unit area determine that the unit operations are no longer warranted. If the unit operations are so terminated, Ascent shall provide written notice of the termination to the Division and to all unleased mineral owners. In addition to the notice of termination, Ascent shall provide an affidavit to the Division attesting to the basis of the termination and all dates applicable to that basis. If termination of unit operations occurs prior to drilling and completing for production of one well in the Cypress NW CDZ HR Unit, the Chief may amend this order.
- 9) The following additional provisions are found to be appropriate:
 - a) No activity associated with the drilling, completion, or operation of the Cypress NW CDZ HR Unit shall be conducted on the surface of any unleased property without the prior written consent of the owner of the surface rights of the unleased property.
 - b) Unleased mineral owners shall not incur liability for any personal or property damage associated with any drilling, testing, completing, producing, operating, or plugging and restoration activities within the Cypress NW CDZ HR Unit.
 - c) Each unleased mineral owner shall receive a monthly cash payment equal to a one-eighth share of the gross proceeds from production. Allocation of the one-eighth share shall be based on the unit participation of each unleased mineral owner's tract. Ascent shall make monthly cash payments to all unleased mineral owners at the same time the royalty interest owners are paid.
 - d) In addition to the cash payment specified in paragraph 9(c) of this Order, each unleased mineral owner shall receive a monthly cash payment equal to a seven-eighths share of the net proceeds from production. Allocation of the seven-eighths share shall be based on the unit participation of each unleased mineral owner's tract. After Ascent recovers 200% of the cost of drilling, testing, and completing the initial well, Ascent shall begin making the monthly payments to the unleased mineral owners for that well. For each additional well drilled in the unit area, Ascent shall begin making monthly payments equal to seven-eighths share of net proceeds from production to each unleased mineral owner once the working interest owners have recovered 150% of the cost of drilling, testing, and completing each additional well. Once a specific cost is charged to the initial well, that same cost cannot be charged to subsequent wells in the unit area.

- e) Nothing in this order prohibits an unleased mineral owner from entering into a lease agreement with Ascent or with any other person. An unleased mineral owner who enters into a lease of their mineral interests with any person after the issuance of this order is no longer an unleased mineral owner under this order as of the effective date of the lease. Ascent shall notify the Division upon the execution of a lease agreement with any unleased mineral owner who is subject to this order.
- f) Except as provided in Paragraph 9(d) of this order, no expenses shall be paid by an unleased mineral owner for drilling, testing, completing, producing, or operating any well in the unit area. Moreover, unleased mineral owners are not responsible for any costs related to plugging any well or any restoration in the unit area.
- g) If requested in writing by any unleased mineral owner or by any non-consenting working interest owner, or in any manner by the Division, Ascent shall provide, not later than 30 days after the request, any of the following:
 - i. A monthly statement of all costs incurred, together with the quantity of oil and gas produced, and the amount of proceeds realized from the sale of production during the preceding month; and
 - ii. Any authorization for expenditure (AFE) prepared by Ascent; and
 - iii. A statement of all costs and expenses for purposes of Paragraphs 6 and 9(d) of this order.
- h) Ascent shall notify the Division of the assignment or transfer of any of its working interest in the Cypress NW CDZ HR Unit. If Ascent assigns or transfers any of its working interest, the assignee or transferee shall comply with this order. Within 60 days of the notice of assignment or transfer, Ascent shall file a copy of the notice with each applicable county recorder's office, in the records of each of the tracts that are subject to this order and referenced in Exhibit B of this order. Ascent shall submit a certification of the filing to the Division within 14 days of filing.
- i) Ascent shall notify the Division within 30 days if a person that is leased by Ascent, or any other consenting working interest owner, for purposes of operating the Cypress NW CDZ HR Unit becomes unleased. If a person becomes unleased, the person is an unleased owner under this order and paragraphs 9(a) through 9(g) of this order apply.

- j) Ascent shall notify the Division if any consenting working interest owner revokes, rescinds, or otherwise terminates the agreement with Ascent pertaining to the operation of the Cypress NW CDZ HR Unit. If a consenting working interest owner revokes, rescinds, or otherwise terminates the agreement with Ascent, the working interest owner becomes a non-consenting working interest owner pursuant to this order. Ascent also shall notify the Division if any consenting working interest owner assigns or transfers all or part of its working interest in the Cypress NW CDZ HR Unit. All such assignees or transferees are subject to this order.
 - k) Ascent shall notify the Division if any non-consenting working interest owner enters into an agreement with Ascent pertaining to the operation of the Cypress NW CDZ HR Unit. If a non-consenting working interest owner enters into an agreement with Ascent, the non-consenting working interest owner becomes a consenting working interest owner pursuant to this order.
 - l) If at any point Ascent and consenting working interest owners own less than 65% of the unit, the Chief may amend or revoke this order.
- 10) This order becomes effective on the date Ascent provides the Chief with final written approval of the unit operations as prescribed in this order by Ascent and consenting working interest owners, and also by the royalty interest owners or, with respect to unleased acreage, unleased mineral owners of 65% of the acreage to be included in the unit. Unit operations may commence as set forth in Paragraph 8 of this Order. If Ascent fails to provide all required approvals by June 12, 2024, the order is revoked, and the Chief shall provide notice of the revocation to Ascent and to all persons listed in Exhibit A to this order.
 - 11) If this Chief's Order is appealed, the time periods specified in this order are tolled pending final determination of the appeal.
 - 12) Within 21 days of this order becoming effective, Ascent shall file a copy of this order with each applicable county recorder's office in the records of each of the tracts that are subject to this order and referenced in Exhibit B of this order. Ascent shall submit a certification of the filing to the Division within 14 days of filing. The certification shall include a reference to the volume and page number corresponding to each record where the Chief's Order is recorded.
 - 13) The Chief of the Division retains continuing jurisdiction over the Cypress NW CDZ HR Unit as is consistent with the Chief's powers and duties as established by R.C. Chapter 1509 and Ohio Admin. Code 1501:9. The Chief reserves the right to amend or revoke this Order subsequent to the commencement of unit operations within the unit area.
 - 14) Except as specifically set forth in the terms of this order, nothing herein shall be construed as a release or waiver of any private right, obligation, duty, claim, or cause of action.

- 15) If there is a conflict between the terms of this Chief's Order and any part of Ascent's application, the Chief's Order takes precedence.

December 12, 2023

Eric Vendel

Date

/s/

Eric Vendel, Chief
Division of Oil and Gas Resources Management

Addressee is hereby notified that this action is final and effective and may be appealed pursuant to Section 1509.36 of the Ohio Revised Code. If the Order is appealed to the Ohio Oil and Gas Commission, the appeal must be in writing and must set forth the Orders complained of and the grounds upon which the appeal is based. Such appeal must be filed with the Oil and Gas Commission, 2045 Morse Road, Building E-1, Office 103, Columbus, Ohio 43229-6693, within 30 days after the date upon which the person to whom the Order was issued received the order and, for all other persons adversely affected by the order, within 30 days after the date of the Order.

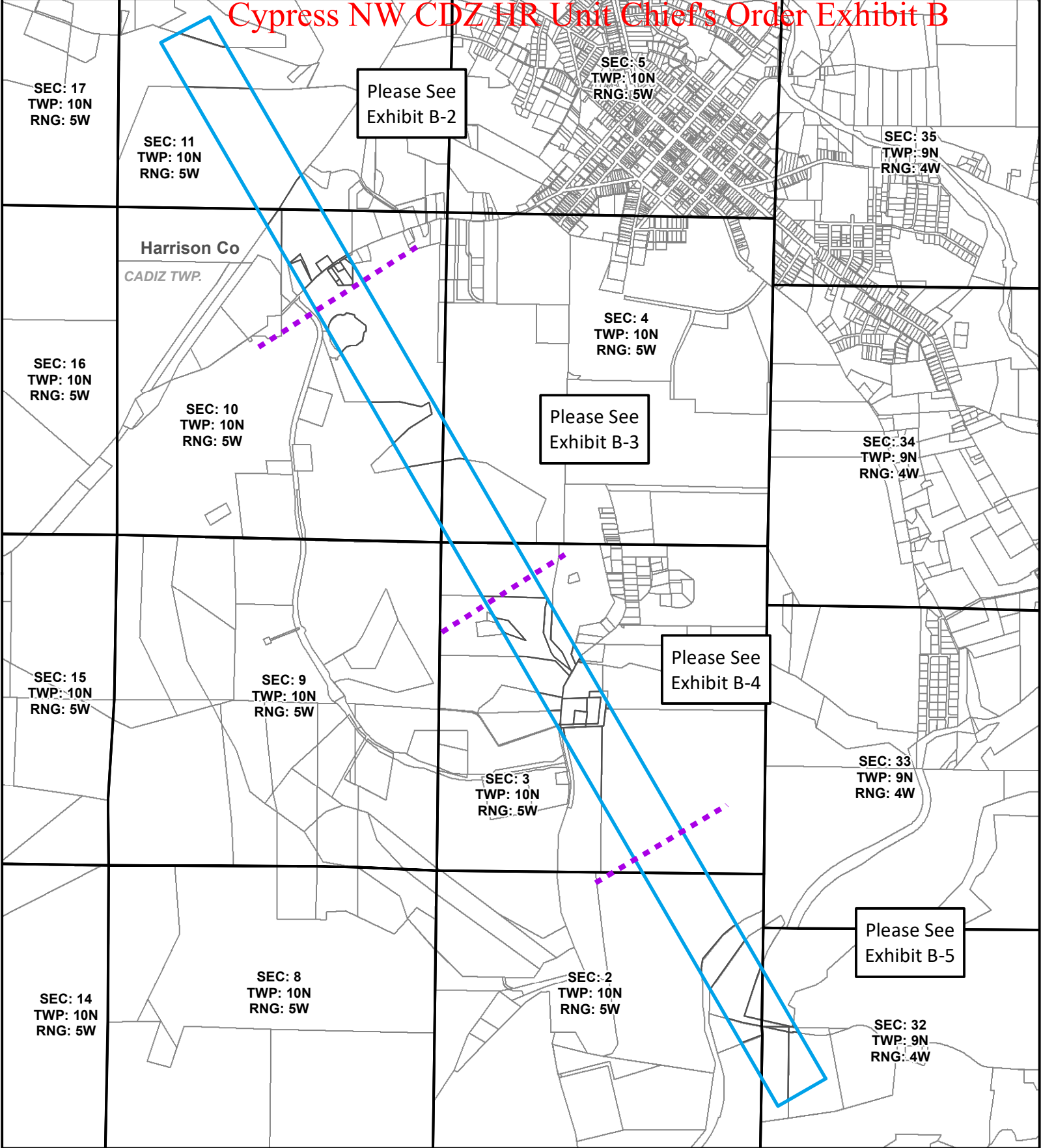
In addition, within three days after the appeal is filed with the Oil and Gas Commission, notice of the filing must be submitted to Eric Vendel, Chief, Division of Oil and Gas Resources Management, Ohio Department of Natural Resources, 2045 Morse Road, Building F, Columbus, Ohio 43229-6693.

Enclosures: Exhibit A
Exhibit B

Cypress NW CDZ HR Unit Chiefs Order Exhibit A

All Mineral Owners in the proposed Cypress NW CDZ HR Unit																					
Exhibit A																					
Tract Number	Lease ID Number	Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit	Tract Participation in Unit	Tax Map Parcel ID	Township	County	Consenting Working Interest Percentage	Applicant Working Interest Percentage	Ascent Utica Minerals Working Interest Percentage	RHDH Oil & Gas LLC Working Interest Percentage	EAP Ohio, LLC Working Interest Percentage	Burf Energy, LLC Working Interest Percentage	Transcendent Resources, LLC Working Interest Percentage	Address	City	State	Zip	Changes
1a	Transcendent	Golden Eagle Resources LLC, LLC	Yes	1.000	9.638	2.234%	04-0000126-000	Cadiz	Harrison	2.234%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	1401 McKinnis Street	Houston	TX	77010	Consenting WI
1b	Transcendent	Golden Eagle Resources LLC, LLC	Yes	1.000	11.518	2.670%	04-0000126-000	Cadiz	Harrison	2.670%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	1401 McKinnis Street	Houston	TX	77010	Consenting WI
2	Transcendent	Golden Eagle Resources LLC, LLC	Yes	1.000	2.722	0.631%	04-0000023-000	Cadiz	Harrison	0.631%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	1401 McKinnis Street	Houston	TX	77010	Consenting WI
3	ALUM	Ascent Utica Minerals, LLC	No	0.950	33.483	7.761%	04-0000020-000	Cadiz	Harrison	7.761%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
3	UTIC03174001	Maskington University, an Ohio non-profit corporation	Yes	0.050	1.762	0.408%	04-0000020-000	Cadiz	Harrison	0.408%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	10 College Dr.	New Concord	OH	43762	
4a	UTIC03370001	OCXI Inc.	Yes	0.100	0.065	0.015%	04-0000138-001	Cadiz	Harrison	0.015%	0.015%	0.000%	0.000%	0.000%	0.000%	0.000%	PO Box 1369	Passa Springs	CO	81147	Lease Number
4a	UTIC03344001	Wind River Resources, Inc.	Yes	0.042	0.027	0.006%	04-0000138-001	Cadiz	Harrison	0.006%	0.006%	0.000%	0.000%	0.000%	0.000%	0.000%	PO Box 2944	Casper	WY	82602	Lease Number
4a	PE-NDING	Water Production, Inc.	Yes	0.400	0.260	0.066%	04-0000138-001	Cadiz	Harrison	0.066%	0.066%	0.000%	0.000%	0.000%	0.000%	0.000%	1100 Louisiana Street	Houston	TX	77002	Lease Number
4a	PE-NDING	Heile Rosally Company, LLC.	Yes	0.400	0.260	0.066%	04-0000138-001	Cadiz	Harrison	0.066%	0.066%	0.000%	0.000%	0.000%	0.000%	0.000%	201 Saint Charles Avenue	New Orleans	LA	70170	
4a	UTIC03394001	Robert A. Schick, trustee of the Robert A. Schick 1996 Bevechale Trust, dated January 2, 1997	Yes	0.011	0.007	0.002%	04-0000138-001	Cadiz	Harrison	0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	4940 Dexter Street	Casper	WY	82609	Lease Number
4a	PE-NDING	Equity Trust Company, f/b/o Adrian Brown IRA	Yes	0.011	0.007	0.002%	04-0000138-001	Cadiz	Harrison	0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	1 Equity Way	Westlake	OH	44145	Leased
4a	UTIC033812001	Madhill, a Wyoming Partnership, as Trustee, f/b/o Susan E. Heile IRA	Yes	0.036	0.024	0.009%	04-0000138-001	Cadiz	Harrison	0.009%	0.009%	0.000%	0.000%	0.000%	0.000%	0.000%	PO Box 2680	Casper	WY	82602	Lease Number
4b	OPEN	Lemire J. Stoner Ryan	No	0.500	0.144	0.033%	04-0000138-001	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	785 Dowling Way	The Villages	FL	32162	
4c	OPEN	Lemire J. Stoner Ryan	No	0.500	0.144	0.033%	04-0000138-001	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	3151 Conover Street NW	Marshall	OH	44646	
4c	OPEN	Lemire J. Stoner Ryan	No	0.500	0.233	0.054%	04-0000138-001	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	785 Dowling Way	The Villages	FL	32162	
5	ALUM	Ascent Utica Minerals, LLC	No	1.000	5.376	1.246%	04-0000125-000	Cadiz	Harrison	1.246%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	3151 Conover Street NW	Marshall	OH	44646	
6	ALUM	Ascent Utica Minerals, LLC	No	0.950	14.219	3.296%	04-0000020-002	Cadiz	Harrison	3.296%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
6	UTIC028174001	Maskington University, an Ohio non-profit corporation	Yes	0.950	7.748	1.73%	04-0000020-002	Cadiz	Harrison	0.173%	0.173%	0.000%	0.000%	0.000%	0.000%	0.000%	10 College Dr.	New Concord	OH	43762	
7	ALUM	Ascent Utica Minerals, LLC	No	0.950	7.651	1.774%	04-0000462-000	Cadiz	Harrison	1.774%	0.000%	1.774%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
7	UTIC028174001	Maskington University, an Ohio non-profit corporation	Yes	0.050	0.403	0.093%	04-0000462-000	Cadiz	Harrison	0.093%	0.093%	0.000%	0.000%	0.000%	0.000%	0.000%	10 College Dr.	New Concord	OH	43762	
8	ALUM	Ascent Utica Minerals, LLC	No	1.000	50.214	11.639%	04-0000027-000	Cadiz	Harrison	11.639%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
9	ALUM	Ascent Utica Minerals, LLC	No	1.000	10.304	2.388%	04-0000026-000	Cadiz	Harrison	2.388%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
10	ALUM	Ascent Utica Minerals, LLC	No	1.000	5.914	1.371%	04-0001823-000	Cadiz	Harrison	1.371%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
11	ALUM	Ascent Utica Minerals, LLC	No	1.000	0.152	0.035%	04-0000026-002	Cadiz	Harrison	0.035%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
12	OPEN	State of Ohio, Department of Transportation	No	1.000	0.069	0.016%	05-0001159-005	Cadiz	Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	1980 W Broad Street	Columbus	OH	43223	
13	UTIC03308001	The Board of Commissioners of Harrison County	Yes	1.000	0.009	0.002%	05-0001159-000	Cadiz	Harrison	0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	100 West Market Street	Cadiz	OH	43907	
14	UTIC03308001	The Board of Commissioners of Harrison County	Yes	1.000	0.020	0.005%	05-0001159-001	Cadiz	Harrison	0.005%	0.005%	0.000%	0.000%	0.000%	0.000%	0.000%	100 West Market Street	Cadiz	OH	43907	
15	UTIC032964000	Debra R. Edwards	Yes	1.000	0.742	0.172%	05-0002185-004	Cadiz	Harrison	0.172%	0.172%	0.000%	0.000%	0.000%	0.000%	0.000%	325 Saint Clair Ave.	Cadiz	OH	43907	Added Lease Number
16	UTIC034078001	Master Mineral Holdings 1, L.P.	Yes	0.705	1.257	0.291%	05-0002185-005	Cadiz	Harrison	0.291%	0.291%	0.000%	0.000%	0.000%	0.000%	0.000%	223 West Wall, 9th Floor	Midland	TX	79701	Added Lease Number
16	UTIC02825001	Kevin A. Best and Tammy Best, husband and wife, for their joint lives, remainder to the survivor of them	Yes	0.295	0.525	0.122%	05-0002185-005	Cadiz	Harrison	0.122%	0.122%	0.000%	0.000%	0.000%	0.000%	0.000%	1000 Oak Park Road	Cadiz	OH	43907	
17	ALUM	Ascent Utica Minerals, LLC	No	1.000	3.234	0.750%	05-0001821-002	Cadiz	Harrison	0.750%	0.000%	0.750%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
18	ALUM	Ascent Utica Minerals, LLC	No	1.000	1.033	0.239%	05-0002068-000	Cadiz	Harrison	0.239%	0.000%	0.239%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
19	ALUM	Ascent Utica Minerals, LLC	No	1.000	2.066	0.486%	05-0001942-000	Cadiz	Harrison	0.486%	0.000%	0.486%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
20	ALUM	Ascent Utica Minerals, LLC	No	1.000	1.793	0.416%	05-0001823-003	Cadiz	Harrison	0.416%	0.000%	0.416%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
21	ALUM	Ascent Utica Minerals, LLC	No	1.000	0.128	0.030%	05-0001821-000	Cadiz	Harrison	0.030%	0.000%	0.030%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
22	ALUM	Ascent Utica Minerals, LLC	No	1.000	0.090	0.021%	05-0001821-001	Cadiz	Harrison	0.021%	0.000%	0.021%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
23	ALUM	Ascent Utica Minerals, LLC	No	1.000	0.041	0.010%	05-0001821-003	Cadiz	Harrison	0.010%	0.000%	0.010%	0.000%	0.000%	0.000%	0.000%	PO Box 13678	Oklaoma City	OK	73113	
24	UTIC01949000	Parthen P. Bechtel	Yes	1.000	0.607	0.141%	05-0002185-001	Cadiz	Harrison	0.141%	0.141%	0.000%	0.000%	0.000%	0.000%	0.000%	275 Oak Park Road	Cadiz	OH	43907	
25	UTIC01969000	Michael P. Belscoe	Yes	0.500	4.051	0.939%	05-0002185-006	Cadiz	Harrison	0.939%	0.939%	0.000%	0.000%	0.000%	0.000%	0.000%	4833 Stoner Avenue	Cadiz	OH	44641	
25	UTIC01969000	Barry P. Belscoe	Yes	0.500	4.051	0.939%	05-0002185-006	Cadiz	Harrison	0.939%	0.939%	0.000%	0.000%	0.000%	0.000%	0.000%	4648 Duggs Circle	Alton	OH	44319	Updated Address
26	UTIC033451001	William H. Leed and Peggy L. Leed, husband and wife as joint tenants with right of survivorship	Yes	0.500	8.361	1.938%	05-0002185-007	Cadiz	Harrison	1.938%	1.938%	0.000%	0.000%	0.000%	0.000%	0.000%	2203 Beechnoor Drive NW	North Canton	OH	44720	Added Lease Number
26	UTIC033445001	Mark A. Graber	Yes	0.500	8.361	1.938%	05-0002185-007	Cadiz	Harrison	1.938%	1.938%	0.000%	0.000%	0.000%	0.000%	0.000%	507 Oak Park Road	Cadiz	OH	43907	Added Lease Number
27	UTIC033451001	William H. Leed and Peggy L. Leed, husband and wife as joint tenants with right of survivorship	Yes	0.500	0.014	0.003%	05-0002185-009	Cadiz	Harrison	0.003%	0.003%	0.000%	0.000%	0.000%	0.000%	0.000%	2203 Beechnoor Drive NW	North Canton	OH	44720	Added Lease Number
27	UTIC033445001	Mark A. Graber	Yes	0.500	0.014	0.003%	05-0002185-009	Cadiz	Harrison	0.003%	0.003%	0.000%	0.000%	0.000%	0.000%	0.000%	507 Oak Park Road	Cadiz	OH	43907	Added Lease Number
28	UTIC033451001	William H. Leed and Peggy L. Leed, husband and wife as joint tenants with right of survivorship	Yes	0.500	0.783	0.181%	05-0002185-010	Cadiz	Harrison	0.181%	0.181%	0.000%	0.000%	0.000%	0.000%	0.000%	2203 Beechnoor Drive NW	North Canton	OH	44720	Added Lease Number
28	UTIC033445001	Mark A. Graber	Yes	0.500	0.783	0.181%	05-0002185-010	Cadiz	Harrison	0.181%	0.181%	0.000%	0.000%	0.000%	0.000%	0.000%	507 Oak Park Road	Cadiz	OH	43907	Added Lease Number
29	UTIC033443000	Curtis W. Crawshaw and Judith A. Crawshaw, his wife, joint tenants with rights of survivorship	Yes	1.000	25.315	5.868%	05-0002185-002	Cadiz	Harrison	5.868%	5.868%	0.000%	0.000%	0.000%	0.000%	0.000%	405 Oak Park Road	Cadiz	OH	43907	

Cypress NW CDZ HR Unit Chiefs Order Exhibit B



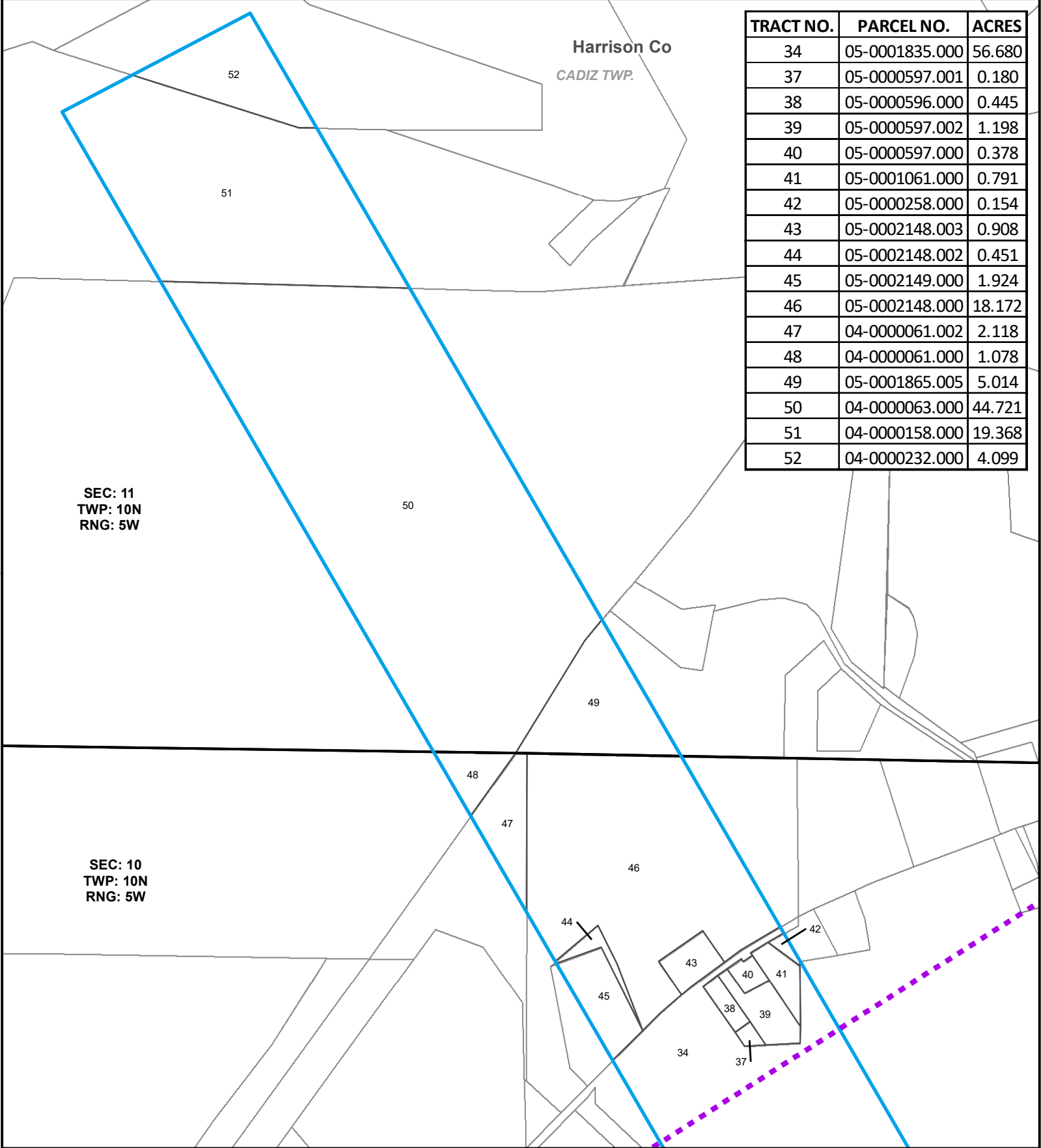
CYPRESS NW CDZ HR EXHIBIT B-1



1 in = 2,083 ft

Legend

- CYPRESS NW CDZ HR - 431.419 Ac.
- Counties
- Townships
- PLSS Section
- Tax Parcels

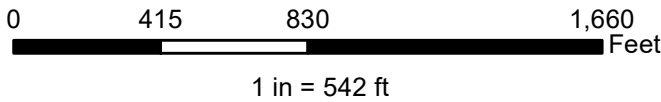


TRACT NO.	PARCEL NO.	ACRES
34	05-0001835.000	56.680
37	05-0000597.001	0.180
38	05-0000596.000	0.445
39	05-0000597.002	1.198
40	05-0000597.000	0.378
41	05-0001061.000	0.791
42	05-0000258.000	0.154
43	05-0002148.003	0.908
44	05-0002148.002	0.451
45	05-0002149.000	1.924
46	05-0002148.000	18.172
47	04-0000061.002	2.118
48	04-0000061.000	1.078
49	05-0001865.005	5.014
50	04-0000063.000	44.721
51	04-0000158.000	19.368
52	04-0000232.000	4.099



NAD 1927 UTM Zone 17N

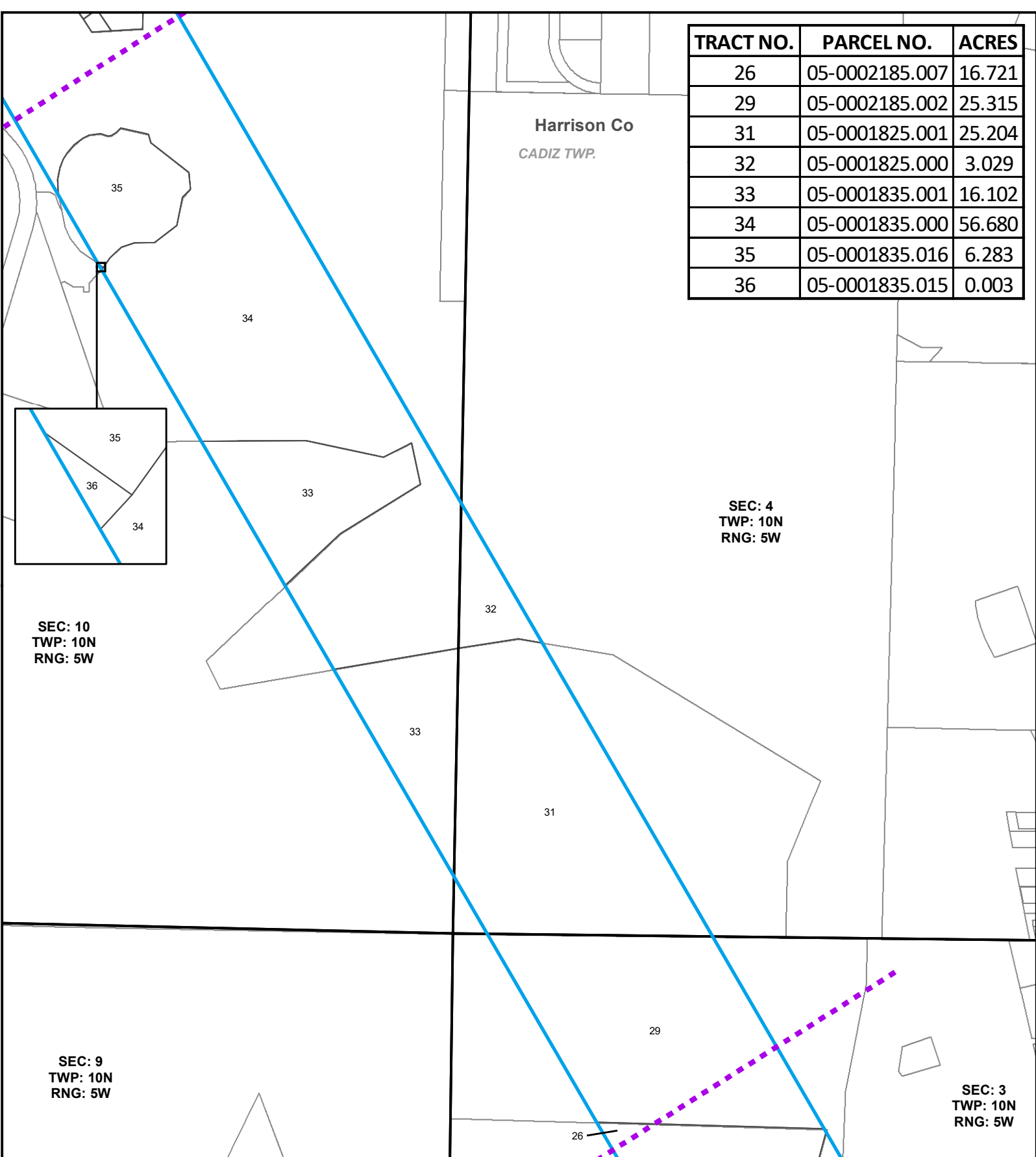
CYPRESS NW CDZ HR
EXHIBIT B-2



Legend

- CYPRESS NW CDZ HR - 431.419 Ac.
- Counties
- Townships
- PLSS Section
- Tax Parcels

TRACT NO.	PARCEL NO.	ACRES
26	05-0002185.007	16.721
29	05-0002185.002	25.315
31	05-0001825.001	25.204
32	05-0001825.000	3.029
33	05-0001835.001	16.102
34	05-0001835.000	56.680
35	05-0001835.016	6.283
36	05-0001835.015	0.003



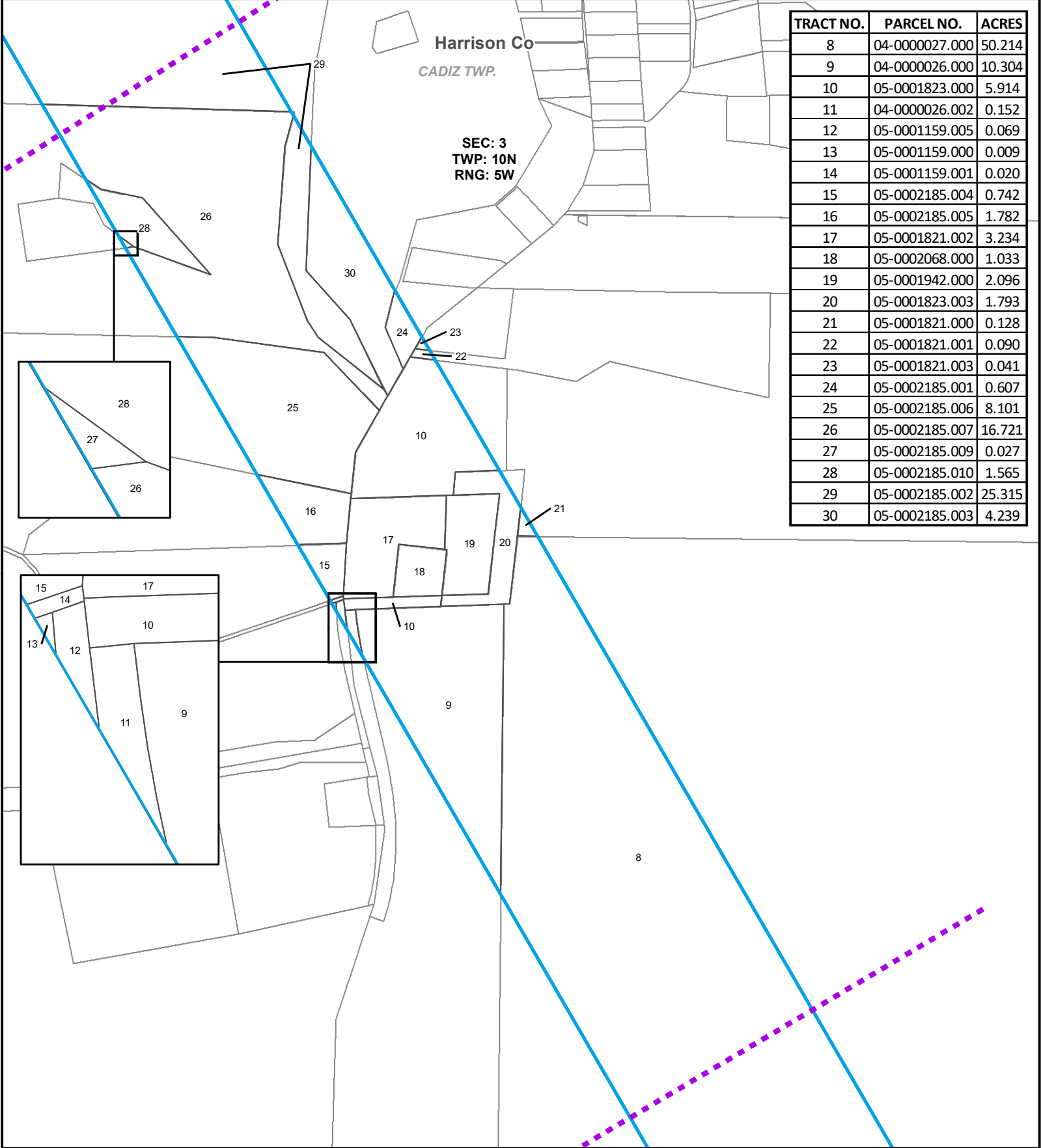
CYPRESS NW CDZ HR EXHIBIT B-3

0 450 900 1,800 Feet

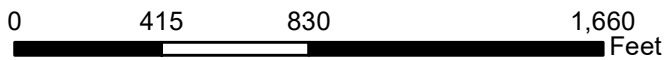
1 in = 592 ft

Legend

- CYPRESS NW CDZ HR - 431.419 Ac.
- Counties
- Townships
- PLSS Section
- Tax Parcels



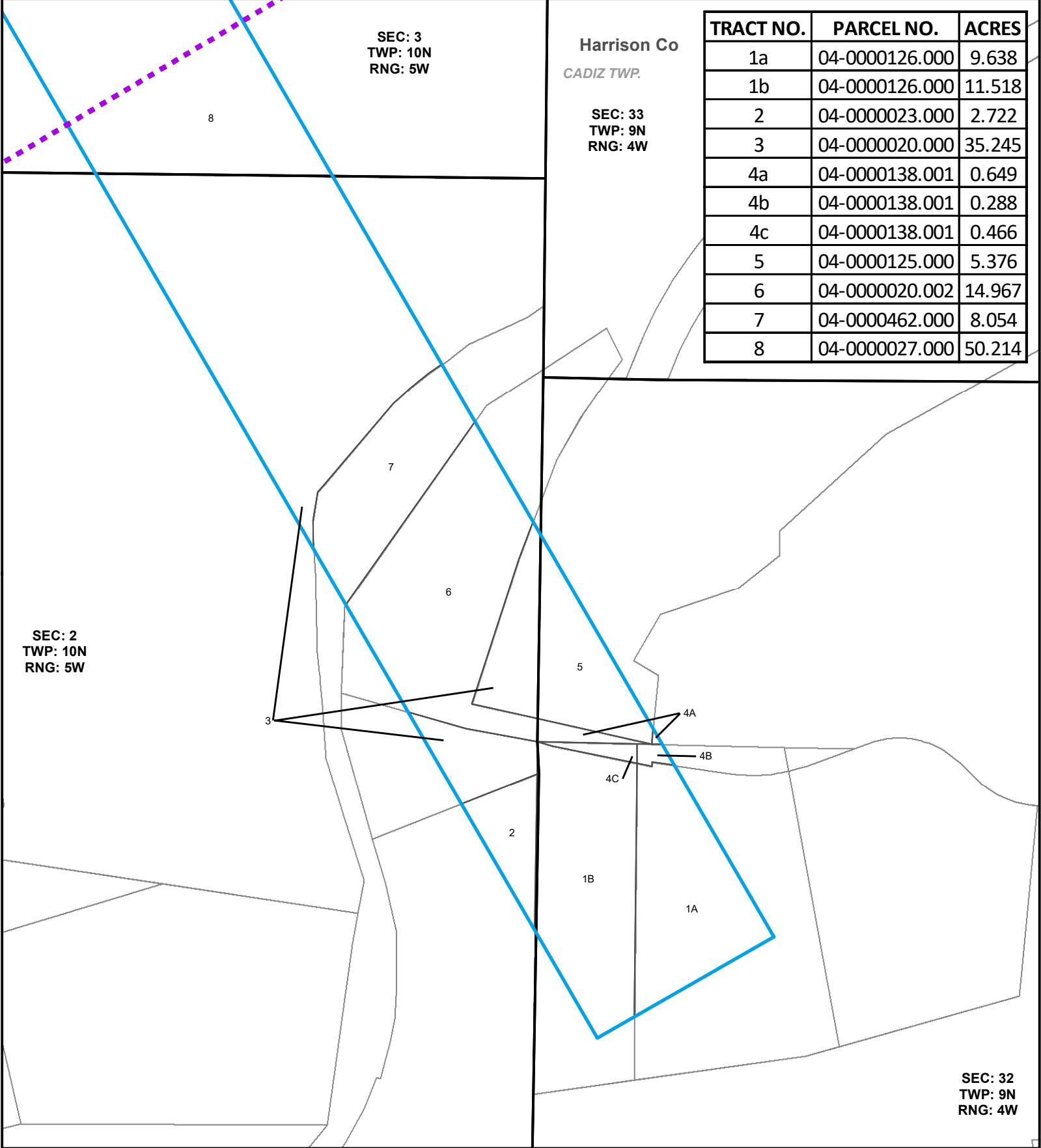
CYPRESS NW CDZ HR EXHIBIT B-4



1 in = 542 ft

Legend

- CYPRESS NW CDZ HR - 431.419 Ac.
- Counties
- Townships
- PLSS Section
- Tax Parcels



Harrison Co
CADIZ TWP.

SEC: 33
TWP: 9N
RNG: 4W

TRACT NO.	PARCEL NO.	ACRES
1a	04-0000126.000	9.638
1b	04-0000126.000	11.518
2	04-0000023.000	2.722
3	04-0000020.000	35.245
4a	04-0000138.001	0.649
4b	04-0000138.001	0.288
4c	04-0000138.001	0.466
5	04-0000125.000	5.376
6	04-0000020.002	14.967
7	04-0000462.000	8.054
8	04-0000027.000	50.214

SEC: 2
TWP: 10N
RNG: 5W

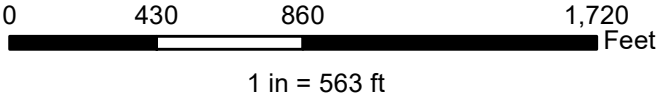
SEC: 3
TWP: 10N
RNG: 5W

SEC: 32
TWP: 9N
RNG: 4W



NAD 1927 UTM Zone 17N

CYPRESS NW CDZ HR
EXHIBIT B-5



Legend

- CYPRESS NW CDZ HR - 431.419 Ac.
- Counties
- Townships
- PLSS Section
- Tax Parcels

TRACT NO.	PARCEL NO.	ACRES	EXHIBIT
1a	04-0000126.000	9.638	B-5
1b	04-0000126.000	11.518	B-5
2	04-0000023.000	2.722	B-5
3	04-0000020.000	35.245	B-5
4a	04-0000138.001	0.649	B-5
4b	04-0000138.001	0.288	B-5
4c	04-0000138.001	0.466	B-5
5	04-0000125.000	5.376	B-5
6	04-0000020.002	14.967	B-5
7	04-0000462.000	8.054	B-5
8	04-0000027.000	50.214	B-4/B-5
9	04-0000026.000	10.304	B-4
10	05-0001823.000	5.914	B-4
11	04-0000026.002	0.152	B-4
12	05-0001159.005	0.069	B-4
13	05-0001159.000	0.009	B-4
14	05-0001159.001	0.020	B-4
15	05-0002185.004	0.742	B-4
16	05-0002185.005	1.782	B-4
17	05-0001821.002	3.234	B-4
18	05-0002068.000	1.033	B-4
19	05-0001942.000	2.096	B-4
20	05-0001823.003	1.793	B-4
21	05-0001821.000	0.128	B-4
22	05-0001821.001	0.090	B-4
23	05-0001821.003	0.041	B-4
24	05-0002185.001	0.607	B-4
25	05-0002185.006	8.101	B-4
26	05-0002185.007	16.721	B-3/B-4
27	05-0002185.009	0.027	B-4
28	05-0002185.010	1.565	B-4
29	05-0002185.002	25.315	B-3/B-4
30	05-0002185.003	4.239	B-4
31	05-0001825.001	25.204	B-3
32	05-0001825.000	3.029	B-3
33	05-0001835.001	16.102	B-3
34	05-0001835.000	56.680	B-2/B-3
35	05-0001835.016	6.283	B-3
36	05-0001835.015	0.003	B-3
37	05-0000597.001	0.180	B-2
38	05-0000596.000	0.445	B-2
39	05-0000597.002	1.198	B-2
40	05-0000597.000	0.378	B-2
41	05-0001061.000	0.791	B-2
42	05-0000258.000	0.154	B-2
43	05-0002148.003	0.908	B-2
44	05-0002148.002	0.451	B-2
45	05-0002149.000	1.924	B-2
46	05-0002148.000	18.172	B-2
47	04-0000061.002	2.118	B-2
48	04-0000061.000	1.078	B-2
49	05-0001865.005	5.014	B-2
50	04-0000063.000	44.721	B-2
51	04-0000158.000	19.368	B-2
52	04-0000232.000	4.099	B-2
TOTAL:		431.419	